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CLAIMS

What is claimed is:

- 5 1. An apparatus for joint music production comprising in combination: a remotely separated plurality of means for producing music interconnected by a first and a second phone lines of a public telephone system, wherein the public telephone system has a signal frequency cutoff limiting transmission to a low range; each of the remotely separated means for producing music providing a locally produced first music signal (MS_L) with full audio range, the MS_L signal impressed on the first phone line of the public telephone system to create a locally produced low-end outbound music signal (LE_L); the MS_L signal separately interconnected with a first high-pass filter; a first mixer circuit receiving an output of the first high-pass filter and a mixer signal, thereby producing a locally produced sum/difference signal (SD_L) impressed onto the second phone line of the public telephone system as a high-end outbound music signal (HE_L); each of the remotely separated means for producing music further comprising a second mixer circuit enabled for receiving a remotely produced sum/difference signal (SD_R) and the mixer signal, a second high-pass filter receiving an output of the second mixer circuit, and enabled for producing a high-end, remotely produced output signal (HE_R) therefrom; and a summing circuit interconnected for summing the HE_R signal and a remotely produced low-end signal (LE_R) from the first phone line of the public telephone system with the MS_L signal, and interconnected with a local output means for listening to the joint music production.
- 10 2. The apparatus of claim 1 wherein the mixer signal is 3700 Hz.
- 15 3. The apparatus of claim 1 wherein MS_L has a frequency range of approximately 50-20,00 Hz.
- 20 4. The apparatus of claim 1 wherein the LE_L , HE_L , LE_R and HE_R signals each have a frequency cutoff at approximately 3300 Hz.

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5. A method for joint music production comprising the steps of: joining a remotely separated pair of means for producing music by a first and a second phone lines of a public telephone system, wherein the public telephone system has a signal frequency cutoff limiting transmission to a low range; and within both of the remotely separated means for producing music: producing a locally produced first music signal (MS_L) with full audio range; impressing the MS_L signal on the first phone line of the public telephone system to create a locally produced low-end outbound music signal (LE_L); filtering the MS_L signal separately, with a first high-pass filter; mixing an output of the first high-pass filter with a mixer signal, thereby producing a locally produced sum/difference signal (SD_L); impressing the SD_L signal onto the second phone line of the public telephone system as a high-end outbound music signal (HE_L); and further within both of the remotely separated means for producing music; enabling a second mixer circuit for receiving a remotely produced sum/difference signal (SD_R) and the mixer signal, receiving an output of the second mixer circuit at a second high-pass filter, thereby producing a high-end, remotely produced output signal (HE_R); summing the HE_R signal and a remotely produced low-end signal (LE_R) from the first phone line of the public telephone system with the MS_R signal for listening to the joint music production.
6. A method for joint music production comprising the steps of: joining a remotely separated plurality of means for producing music by at least a first and a second phone lines of a public telephone system, wherein the public telephone system has a signal frequency cutoff limiting transmission to a low range; and within each of the remotely separated means for producing music: producing a locally produced first music signal (MS_L) with full audio range; impressing the MS_L signal on at least the first phone line of the public telephone system to create at least one locally produced low-end outbound music signal (LE_L); filtering the MS_L signal separately, with a first high-pass filter; mixing an output of the first high-pass filter with a mixer signal, thereby producing a locally produced sum/difference signal (SD_L); impressing the SD_L signal onto at least the second phone line of the public telephone system as a high-end outbound music signal (HE_L); and further within each of the remotely separated means for producing music; enabling a second mixer circuit for receiving at least one remotely produced sum/difference signal (SD_R) and the mixer signal, receiving an output of

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the second mixer circuit at a second high-pass filter, thereby producing a high-end, remotely produced output signal (HE_R); summing the HE_R signal and at least one remotely produced low-end signal (LE_R) with the MS_L signal for listening to the joint music production.

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